

JUSTIFICATION FOR OTHER THAN FULL AND OPEN COMPETITION (JOFOC)

1. This document is a justification for other than full and open competition prepared by NASA's Goddard Space Flight Center (GSFC):

[DELETED TEXT]The increase will allow for the continuance of existing task orders and the issuance of new task orders during the remainder of the contract's period of performance through January 31, 2011. The increase in the maximum ordering value is necessary due to an unexpected growth on the GGSG contract. Given the multidisciplinary focus of this program, NASA's GSFC anticipates continued growth as more tasks are undertaken throughout the remaining period of the contract. This document justifies the determination for using other than full and open competition.

2. The nature and/or description of the action being approved:

This procurement is a continuation of the GGSG support, pursuant to task orders issued by the contracting officer. The intent is to increase the IDIQ contract maximum ordering value to allow for continuation of existing tasks and issuance of new tasks through January 31, 2011. The contractor, SGT, Inc. (SGT), shall continue to perform tasks in the following areas: science data analysis, long term data archival, geodynamic model development and analysis, software code development and maintenance, precision orbit determination, and IT administration and programmatic support.

3. Description of the supplies or services required, include an estimated value:

Contract number NNG06HX14C resulted from a full and open competition and was awarded to SGT on February 1, 2006, for a 5-year ordering period. [DELETED TEXT]

An increase to the IDIQ maximum ordering value is necessary to allow work to continue through January 31, 2011, to avoid unacceptable delays in fulfilling our agency requirements. For example, the GGSG contract supports the NGSLR site development, system calibration and validation efforts, and its new capabilities to track the laser transponder now orbiting the moon on the Lunar Reconnaissance Orbiter (LRO) is in both critical operational and developmental phases. The skill set and experience needed to complete these efforts and deliver critical tracking data on LRO cannot be replaced nor disrupted. A re-competition will result in NASA disruption of these ongoing operational activities and ultimately cause significant degradation to NASA's GSFC deliverables and create risk in data capture and products. Thus, it is in the Government's best interests to continue the current GGSG contract.

[DELETED SECTION]

4. Statutory authority permitting other than full and open competition:

The statutory authority permitting other than full and open competition is 10 U.S.C. 2304(c) (1)-Only one responsible source pursuant to Federal Acquisition Regulation (FAR) 6.302-1(a)(2)(iii)(B).

5. A demonstration that the proposed contractor's unique qualifications or the nature of the acquisition requires use of the authority cited:

SGT, Inc., as the current incumbent, has the combined training, experience, and expertise to provide uninterrupted continuation of mission critical support. Due to the time it would take to phase in another contractor, SGT is considered the only contractor that can meet NASA's GSFC's needs given the short period of performance remaining on the contract. If NASA attempts to procure these services from any other source for this interim period, the combination of delay due to the competitive process, and the time required to transition a new management team to coordinate staffing levels, schedules, and to become familiar with work requirements and systems would cause unacceptable delays in fulfilling NASA's mission. For example, SGT is engaged in supporting the impending move of the ICESat Science Information Processing Facility from GSFC building 22 to building 33 commencing in mid-December 2009. Once the system is moved, all of the data must be migrated from the tape robots to the new facility during January 2010 and the system tested for operability at this time. The short term schedule, taking the effort to the early part of contract year 5 is as follows:

- Get Hybrid I-SIPS system (new Linux boxes along with existing STK) running in Bldg 22-Dec. 1, 2009.
- Move new ISIPS to Bldg 33 and run in parallel with existing system in Bldg 22-Dec 10, 2009.
- Totally switch over to new I-SIPS in Bldg 33-Dec 17, 2009.
- Continue reprocessing all of Laser on periods (Laser 1, 2, and 3) using existing I-SIPS machines (HP) - Jan 31, 2010.
- Distribute the data to National Snow and Ice Data Center (NSIDC) during the same time period – Feb 28, 2010.

All changes to algorithm suite used for final reprocessing will be required to be completed by April 2010, and the reprocessing completed by October 2010. The processing and algorithm suite must be fully documented for mission close out, which is expected to occur in November 2010, (1-year after loss of the satellite's functionality). Now that the mission has ended, all schedule elements are on a critical path to end the mission and deliver all required documentation and data products. A disruption of this effort with a recompet or a change in contractor personnel would have serious detrimental consequences on meeting these scheduled objectives and would cause an overrun in costs since these mission goals must be met by the GSFC Team for a successful mission close out. In particular, a break in service would cause severe impact

to the mission close out operations, and there is a limited window of time to produce, catalogue, and document the final data sets and algorithms for mission close out. This requires finalizing the processing decisions and algorithms, geolocation/orbits, calibrations, and then reprocess the entire mission's data (which consists of three different lidars all of which were operated differently and thereby have special needs -- e.g. saturation issues were not the same for Laser 1 as 3). GSFC cannot arbitrarily extend the time period for this activity. These data and documentation must be provided to the NSIDC Distributed Active Archive Center.

6. Description of the efforts made to ensure that offers are solicited from as many potential sources as practicable:

This procurement was synopsisized on NASA's Acquisition Internet Services (NAIS) Business Opportunities Web site on September 9, 2009, in compliance with FAR Subpart 5.2.

7. A determination by the contracting officer (CO) that the anticipated cost to the Government will be fair and reasonable:

The CO anticipates that the costs to the Government for GGSG will be fair and reasonable. The CO will conduct an analysis of all elements of cost to assure the Government obtains a fair and reasonable price.

8. Description of the market survey conducted and the results, or a statement of the reasons a market survey was not conducted:

Market research was conducted. **[DELETED TEXT]** It has been determined that if NASA were to procure support services from any other source for this limited timeframe, the combination of delay due to the competitive process, and the time required by a new contractor to become acquainted with the work and systems (phase-in) would cause substantial delay in fulfilling NASA's mission.

9. Other facts supporting the use of other than full and open competition:

Conducting a competitive procurement for the increase to the IDIQ ordering value would seriously impact current ongoing activities. Additionally, award to any other source for this interim period would delay NASA's vital services. The list of projects critically dependent on SGT support include established ones, which interpret and analyze data provided by missions such as ICESat (Ice, Cloud and Environmental Satellite), GRACE (Gravity Recovery and Climate Experiment), MGS (Mars Global Surveyor) and MRO (Mars Reconnaissance Orbiter). SGT also provides active and critical support to new missions such as LRO (Lunar Reconnaissance Orbiter), LOLA (Lunar Orbiter Laser Altimeter), MESSENGER (Mercury Surface, Space Environment, Geochemistry, and Ranging), ICESat-2, MEaSUREs (Making Earth System Data Records for Use in

Research Environments), and DESDyni (Deformation, Ecosystem Structure and Dynamics of Ice).

Procurement planning is underway for the follow-on requirement. The Government anticipates timely award with no break in service.

[DELETED SECTION]

10. Sources, if any, that expressed an interest in writing in the acquisition:

As stated above, in accordance with the requirements of FAR 5.203(a), a notice of NASA's intent to increase the maximum ordering value was published on September 9, 2009, through NAIS to NASA's Electronic Posting System and to the Federal Business Opportunities. The 15-day minimum response period has elapsed. One response was received by International Computer Systems (ICS), Inc. The COTR has evaluated the qualifications and capabilities statement and has determined that due to the magnitude of this effort, short time period, and lack of experience in the development of geodynamic and planetary models, ICS does not possess the capability to successfully perform this requirement. ICS has been informed of the Government's determination and is no longer pursuing the current requirement. It remains in the government's best interest to proceed with the sole source modification to SGT to increase the maximum ordering value.

11. The actions the Agency may take to remove or overcome any barriers to competition before any subsequent acquisition for the supplies or services required:

There are no barriers to overcome for competition before any subsequent acquisition of these services. The Agency is engaged in procurement planning for the subsequent competitive acquisition of these services. **[DELETED TEXT]**

SIGNATURE PAGE FOR JOFOC FOR GGSG IDIQ
CONTRACT NUMBER NNG06HX14C

TECHNICAL DIRECTORATE: I certify that the facts presented in this justification are accurate and complete.

 Signature

 Date

CONTRACTING OFFICER: I hereby determine that the anticipated cost to the Government will be fair and reasonable and certify that this justification is accurate and complete to the best of my knowledge and belief.

 Signature

 Date

PROCUREMENT OFFICER:
 (CONCURRENCE)

 Signature

 Date

GSFC COMPETITION
 ADVOCATE:
 (APPROVAL)

 Signature

 Date